

## **Federal Center South**

**4735 East Marginal way South, Seattle, WA**

### **Assessment of ten tanks in the basement of Building 1206**

#### **Scope of work and assumptions**

An assessment will be conducted to appraise the contents and volume of the fluids that are within the ten underground storage tanks located in the basement FCS Building 1206.

The objective of the UST assessment will be to:

1. To determine the existing composition and quantities of the UST's contents
2. To develop cost estimates for removal of the tank's contents by recycling/disposal of the tank contents by licensed contractors
3. Prepare a report document the sites activities and findings

#### **History**

The tanks were discovered through a sketch while an environmental firm was doing research for ACOE. The tanks are located in the basement area of the northern portion of building 1206. It is assumed that the tanks were installed when the building was constructed, and that was back in the 1930's.

#### **Assumptions**

GSA will prepare a Site Specific Health and Safety Plan, a confined Space entry Plan and instrumentation for air monitoring. It is also assumed that confined entry will require a two-man team for UST sampling: however for the initial entry GSA personnel will act as the second person within the confined space.

### Scope of Work

1. Visit the site and review available “as—built” drawings to determine the past use of the BIA Building 1206. Also, conduct record research in an attempt to ascertain the location, configuration and dimensions of USTs, fuel port locations and their operational status.
2. To conduct measurements and take samples of contents of UST product for analysis to determine fluid composition and quantities. To analyze samples for the presence of diesel and Stoddard-range total petroleum hydrocarbons (TPH) by Ecology Test Method NWTPH-Dx (Diesel extended), gasoline-range TPH and benzene, toluene, ethylbenzene, and total xylenes by test method NWPTH Gasoline Extend (GX)/8021B, Hydrocarbon Screen by test method NWTPH-NCID, total Resource Conservation and Recovery Act (RCRA) regulated metals by EPA test method 200.8, for semi-volatile compounds by EPA test Method 8270D SIM, polychlorinated biphenyls (PCBs) by Test Method 8082A. In addition, firm will estimate volume of fluid in each tank.
3. After receiving the laboratory analytical results and discussion with project chemist, firm will prepare a report detailing the results of the sampling and distribute to license recycling contractors; conduct a site visit with contractors and obtain quotes for the removal of the tank fluids.
4. Firm will prepare a tank content removal spec. and a final report that will document the initial site work and remediation.